***भारतीय मानक***

***Indian Standard***

**IS XXXX : 2024**

**ISO 10666 : 1999**

***टैपिंग स्क्रू थ्रेड के साथ ड्रिलिंग स्क्रू — यांत्रिक एवं कार्यात्मक गुणधर्म***

**Drilling Screws with Tapping Screw Thread — Mechanical and Functional Properties**

21.060.10

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भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

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General Engineering and Fasteners Standards Sectional Committee, PGD 37

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 10666 : 1999 ‘Drilling screws with tapping screw thread — Mechanical and functional properties’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of the General Engineering and Fasteners Standards Sectional Committee and approval of the Production and General Engineering Division Council.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.

b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, references appear to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

|  |  |  |
| --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| ISO 1478 : 1999 Tapping screw thread | IS 5957 : 2003/ISO 1478 : 1999 Screw threads for thread forming tapping screws dimensions (*second revision*) | Identical |
| ISO 4042 : 1999 Fasteners — Electroplated coatings | IS 1367 (Part 11) : 2020/ISO 4042 : 2022 Technical supply conditions for threaded steel fasteners: Part 11 Electroplated coating systems (*fifth revision*) | Identical |
| ISO 6507-1 : 1997 Metallic materials — Vickers hardness test — Part 1: Test method | IS 1501 (Part 1) : 2020/ISO 6507-1 : 2018 Metallic materials — Vickers hardness test: Part 1 Test method (*fifth revision* ) | Identical |
| ISO 15330 : 1999 Fasteners — Preloading test for the detection of hydrogen embrittlement — Parallel bearing surface method | IS 17445 : 2020/ISO 15330 : 1999 Fasteners — Preloading test for the detection of hydrogen embrittlement — Parallel bearing surface method | Identical |

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2 : 2020 ‘Rules for rounding off numerical values (*second revision*)’.